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1. Document ID: US 20020104548 A1

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L3: Entry 1 of 6

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020104548

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020104548 A1

TITLE: Monofilament tape

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bhupendra Dave, Vipul	Hillsborough	NJ	US	

US-CL-CURRENT: 132/321

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [References](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWD](#) | [Drawn Ds](#)

2. Document ID: US 6675437 B1

L3: Entry 2 of 6

File: USPT

Jan 13, 2004

US-PAT-NO: 6675437

DOCUMENT-IDENTIFIER: US 6675437 B1

TITLE: Portable high-temperature, high-pressure washing plant

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
York, Shawn L.	Sandy	UT	84092	

US-CL-CURRENT: 15/321; 15/320, 15/340.1

ABSTRACT:

A washing system for high temperature cleaning applications, such as carpet-cleaning, is disclosed that provides a consistent cleaning fluid temperature. The

washing system utilizes multiple heat exchangers and multiple heat paths. The heating and power source is provided by a medium duty, diesel cycle engine. Multi-stage heating involves heat transfer from the engine's coolant to the cleaning fluid and heat transfer from the exhaust of the engine to the cleaning fluid via an intermediate medium. The system also includes a fluid clutch used to engage a power takeoff from the engine to operate the pump and blower of the washing plant. A failsafe source cutoff diverts the exhaust flow from thermal contact with an intermediate heat transfer oil.

117 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 12

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

3. Document ID: US 5723090 A

L3: Entry 3 of 6

File: USPT

Mar 3, 1998

US-PAT-NO: 5723090

DOCUMENT-IDENTIFIER: US 5723090 A

TITLE: Method for the hygienic preparation of medical instruments

DATE-ISSUED: March 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beerstecher; Lutz	Bensheim			DE
Sutter; Ralf	Weinheim			DE
Hruza; David	Bad Waldsee			DE
Stetter-Alle; Raimund	Ulm			DE
Trackl; Karl	Langenau			DE

US-CL-CURRENT: 422/26; 134/100.1, 134/94.1, 422/27, 422/28, 422/297, 422/300

ABSTRACT:

A method for cleaning medical instruments including dental instruments having internal channels and internal moving parts comprises cleaning the external surface and internal channels and parts by a jet of cold water followed by a jet of preheated water, then intensely after-cleaning and disinfecting followed by lubricating the moving parts, then sterilizing and drying and cooling.

15 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINIC](#) | [Drawn D.](#)

4. Document ID: US 5571488 A

L3: Entry 4 of 6

File: USPT

Nov 5, 1996

US-PAT-NO: 5571488

DOCUMENT-IDENTIFIER: US 5571488 A

TITLE: Apparatus for the hygienic preparation of medical instruments

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beerstecher; Lutz	Bensheim			DE
Sutter; Ralf	Weinheim			DE
Hruza; David	Bad Waldsee			DE
Stetter-Alle; Raimund	Ulm			DE
Trackl; Karl	Langenau			DE

US-CL-CURRENT: 422/297; 134/94.1, 422/300

ABSTRACT:

A method and apparatus for cleaning medical instruments including dental instruments having internal channels and internal moving parts comprises cleaning the external surface and internal channels and parts by a jet of cold water followed by a jet of preheated water, then intensely after-cleaning and disinfecting followed by lubricating the moving parts, then sterilizing and drying and cooling.

18 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw. D](#) 5. Document ID: US 5543119 A

L3: Entry 5 of 6

File: USPT

Aug 6, 1996

US-PAT-NO: 5543119

DOCUMENT-IDENTIFIER: US 5543119 A

TITLE: Cassette for treating medical instruments

DATE-ISSUED: August 6, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sutter; Ralf	Weinheim			DE
Beerstecher; Lutz	Bensheim			DE

h e b b g e e e f e f ef b e

Hruza; David	Bad Waldsee	DE
Stetter-Alle; Raimund	Ulm	DE
Trackl; Karl	Langenau	DE

US-CL-CURRENT: 422/299; 134/102.3, 134/166R, 134/95.2, 422/102, 422/295, 422/300

ABSTRACT:

A cassette for the acceptance of medical instruments, and preferably dental instruments, to enable a hygienic treatment of the instruments when the cassette is placed into a chamber of an apparatus that is capable of being closed pressure-tight. The cassette contains at least one adapter for holding at least one instrument. The adapter will have line channels for the delivery of treatment agents to the interior of the instrument and the adapter can contain a control valve that will close the line channels given an adapter not occupied with an instrument.

14 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

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6. Document ID: US 5533539 A

L3: Entry 6 of 6

File: USPT

Jul 9, 1996

US-PAT-NO: 5533539

DOCUMENT-IDENTIFIER: US 5533539 A

TITLE: Apparatus for intensive cleaning of medical articles

DATE-ISSUED: July 9, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sutter; Ralf	Weinheim			DE
Beerstecher; Lutz	Bensheim			DE
Hruza; David	Bad Waldsee			DE
Stetter-Alle; Raimund	Ulm			DE
Trackl; Karl	Langenau			DE

US-CL-CURRENT: 134/95.2; 134/102.2, 134/102.3, 134/170, 134/171, 134/95.3, 422/28,
422/300

ABSTRACT:

A method for cleaning medical instruments, particularly dental articles and dental instruments, with a cleaning fluid applied in a pulsating fashion comprises a step of gas being supplied to the cleaning fluid under high pressure in a pulsating fashion in pulse pauses of the fluid. The apparatus comprises a cassette into which the articles are placed and the cassette is inserted into a chamber of the

apparatus which is closable pressure-tight. The cassette can contain adapters for holding the articles and the apparatus includes means for supplying both pulsating cleaning fluid as well as the pulses of gas or air.

20 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

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(L2 AND STEAM).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.	6

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